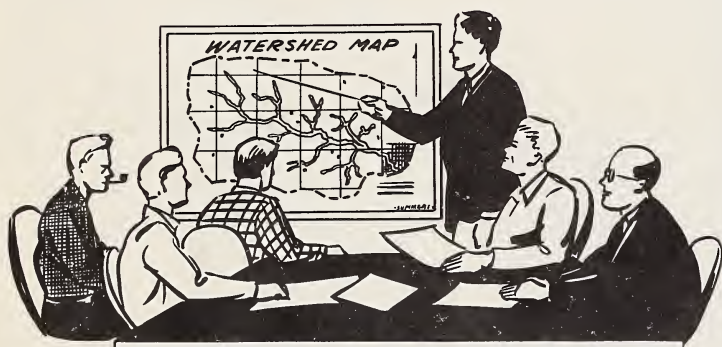


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Do not assume content reflects current scientific knowledge, policies, or practices.

INDIAN CREEK-VAN BUREN WATERSHED

IOWA



. . . a cooperative
venture . . .

sponsored by

Van Buren County Soil Conservation District
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STATE LINE	---
TOWNSHIP LINE	----
SECTION LINE	-----
SECTION NUMBER	22
PAVED ROAD	=====
GRAVEL ROAD	=====
DIRT ROAD	=====
GRADE SEPARATION	=====
RAILROAD	=====
RAILROAD, ABANDONED	=====
BRIDGE, ROAD	=====
BRIDGE, RAILROAD	=====
HOUSE	■
SCHOOL	■
CHURCH	■
CEMETERY	■
TOWN	■
DRAINAGE	=====
STREAM DISAPPEARS ON FLAT	=====
POND AND DAM	=====
QUARRY	=====
WATERSHED BOUNDARY	=====
OWNERSHIP LINE	=====
POWER LINE	=====
PIPELINE	=====
FLOODWATER RETARDING STRUCTURE	=====
MULTIPLE PURPOSE STRUCTURE	=====
STRUCTURE NUMBER	27
DRAINAGE AREA CONTROLLED BY STRUCTURE	=====
FISH AND WILDLIFE DEVELOPMENT AREA	=====
FLOOD HAZARD AREA BENEFITED	=====
EVALUATION REACH NUMBER	R-1



PROJECT MAP

AN CREEK - VAN BUREN WATERSHED

VAN BUREN COUNTY, IOWA

CLARK COUNTY, MISSOURI

TOTAL DRAINAGE AREA 47,200 ACRES



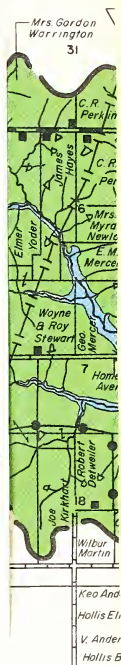
FIGURE 1

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SECTION LINE	---
SECTION NUMBER	22
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DIRT ROAD	---
GRADE SEPARATION	---
RAILROAD	---
RAILROAD, ABANDONED	---
BRIDGE, ROAD	---
BRIDGE, RAILROAD	---
HOUSE	□
SCHOOL	□
CHURCH	□
CEMETERY	□
TOWN	□
DRAINAGE	---
STREAM DISAPPEARS ON FLAT	---
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QUARRY	---
WATERSHED BOUNDARY	---
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POWER LINE	---
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EVALUATION REACH NUMBER	R-1



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- STATE LINE
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SECTION LINE
SECTION NUMBER
PAVED ROAD
GRAVEL ROAD
DIRT ROAD
GRADE SEPARATION
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FISH AND WILDLIFE DEVELOPMENT AREA
FLOOD HAZARD AREA BENEFITED
EVALUATION REACH NUMBER



FIGURE 1

Working together for a better environ

The people of Van Buren County are working together to improve their environment with the Indian Creek-Van Buren Watershed Project.

Primary goals are to reduce damages from flooding, provide additional water for use by residents in cities and farms in the county and for fish and wildlife development.

Land treatment measures such as terracing, waterways, conservation tillage will be applied on land draining into the structures included in the plan. Ten structures will be built during the 8-year installation period. Seven are single purpose flood prevention structures, two are cooperative roadstructures replacing bridges on county roads, and one is a multiple purpose structure for flood prevention, water supply, and fish and wildlife development.

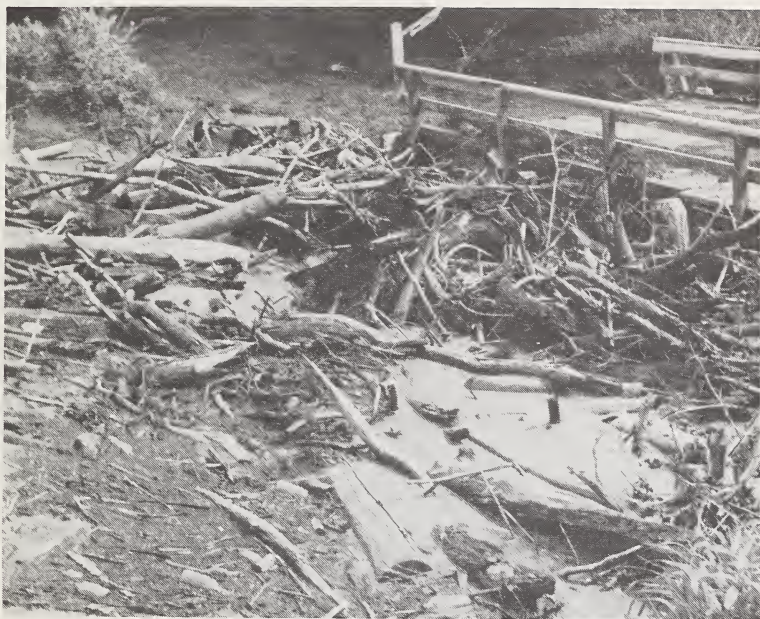
Local people and other organizations will pay \$2,433,390 and the federal government will pay \$2,872,310 of the cost to install this project.

Technical help is supplied by the USDA, Soil Conservation Service.



The project includes seven single-purpose dams similar to this one.

ment



Flooding and associated problems will be eased considerably by the Indian Creek-Van Buren Watershed Project

STRUCTURAL DATA

Item	Dam Number									
	M-4	13	15	19	20	21	22	25	27	30
Water Surface Area, Ac.	574	13	14	6	9	9	8	10	32	12
Drainage Area, Ac.	11,300	1,660	1,888	680	877	1,020	742	288	4,180	1,300
Height of Dam, Ft.	52	37	37	26	31	29	26	24	34	28
Embankment, Cu. Yds.	348,400	65,400	85,100	32,300	34,900	35,300	44,300	24,000	74,000	42,800
Size of Conduit, In.	48	24	24	24	24	24	24	24	36	30
Width of Spillway, Ft.	400	140	120	30	30	30	30	30	200	100
Normal Capacity, Ac. Ft.	7,148	188	170	70	125	108	83	44	430	170
Floodwater Capacity, Ac. Ft.	5,532	506	638	144	198	253	158	51	1,564	348